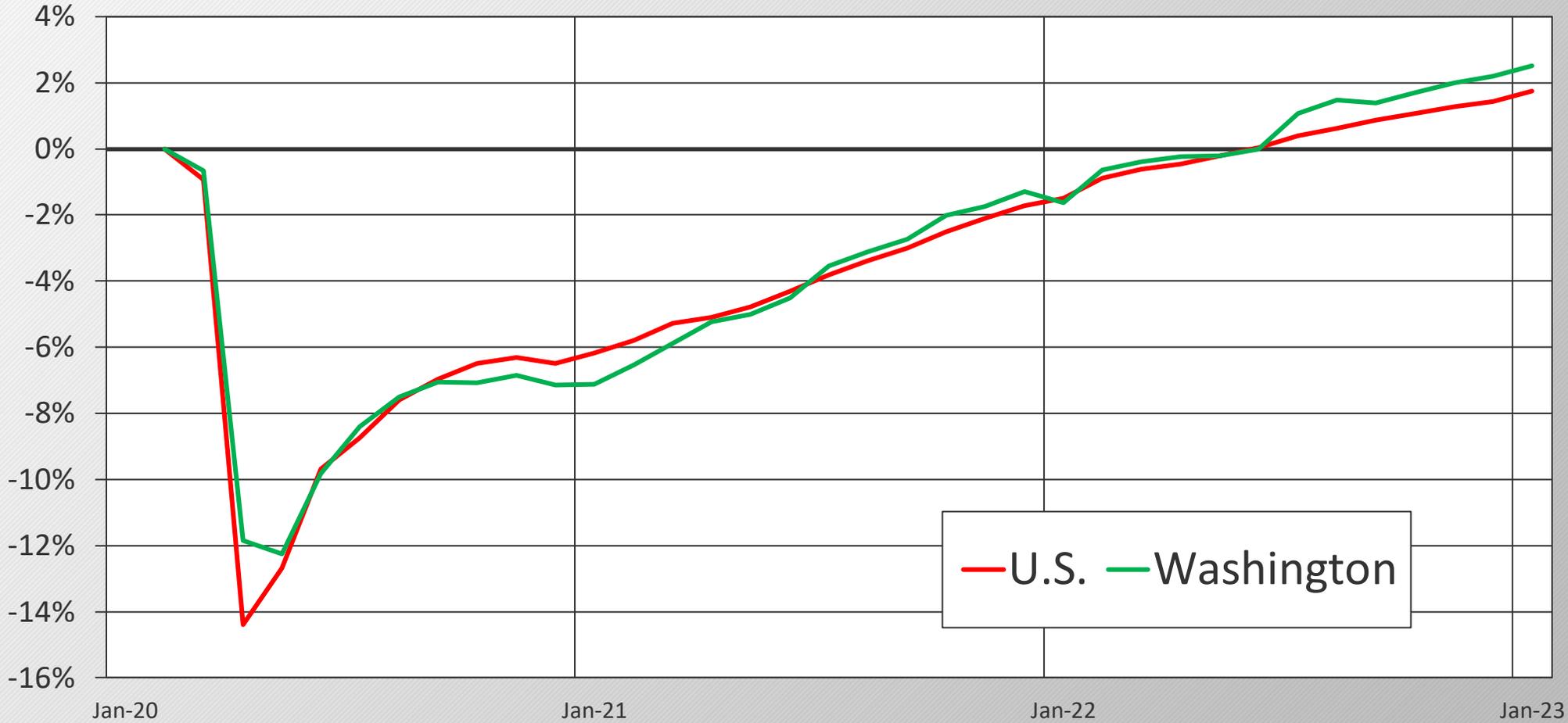


Using LEHD and Quarterly Wage Files to Analyze the COVID Recession and Recovery

Anneliese Vance-Sherman, Regional Economist
Scott Bailey, Regional Economist
March, 2023

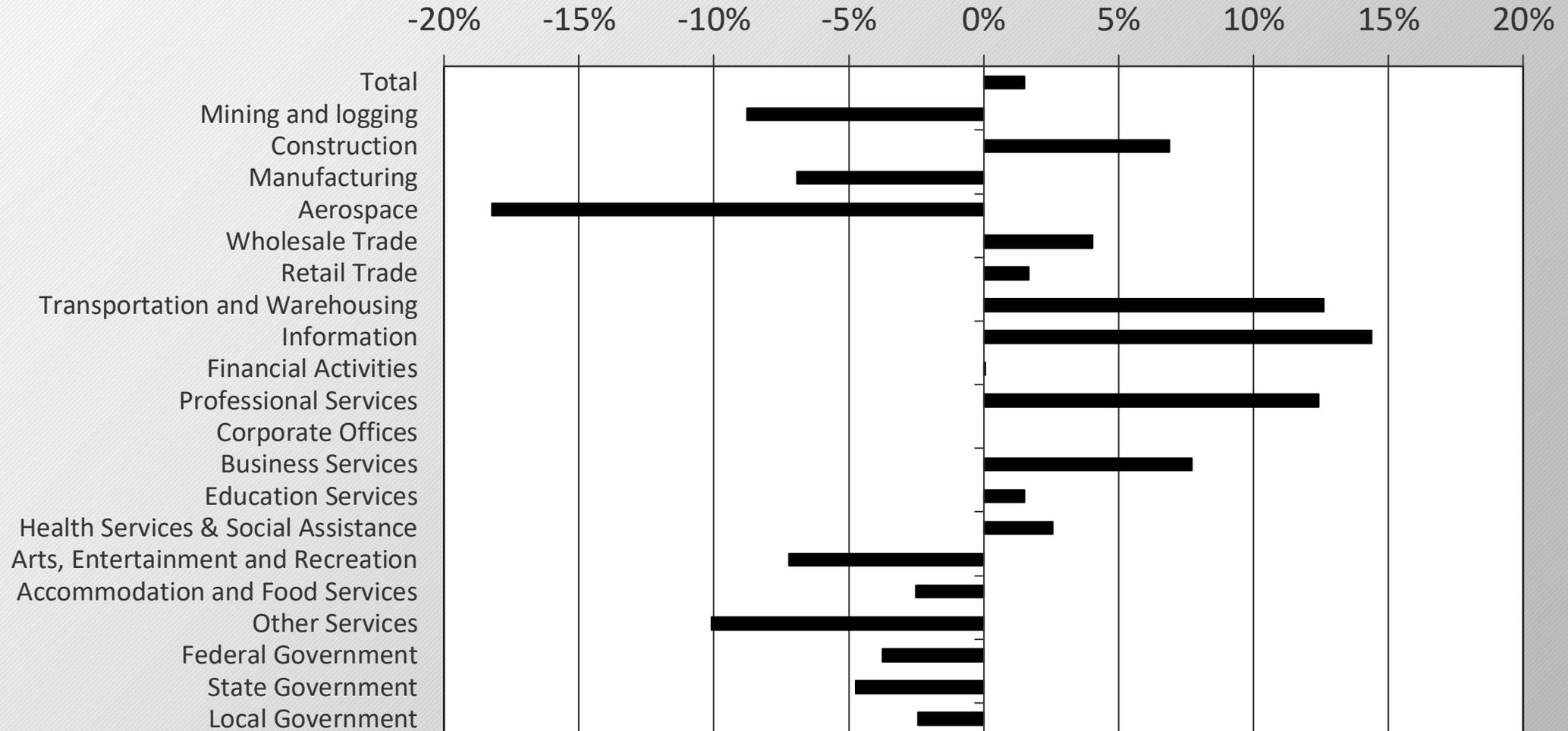


Change in State Nonfarm Employment-- COVID



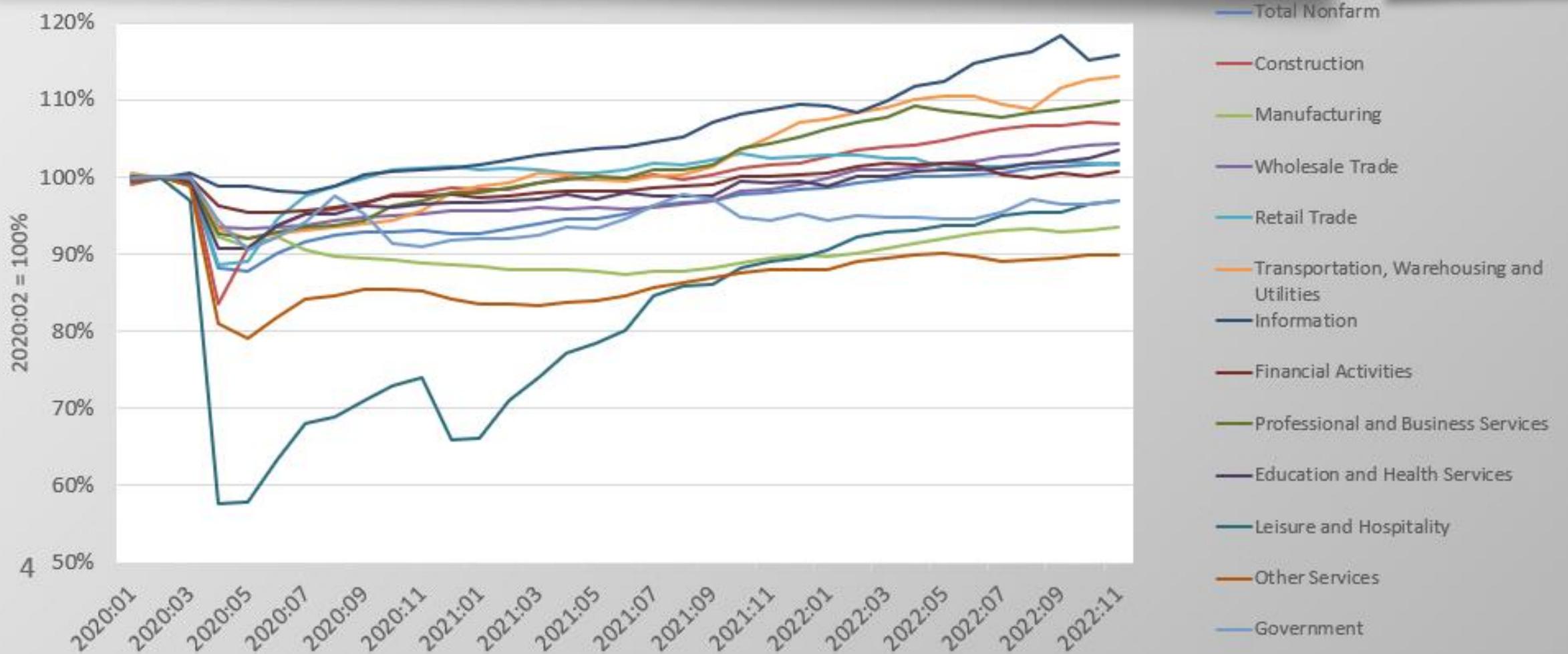
Source: Bureau of Labor Statistics, state employment departments

Change in jobs since Feb. 2020: Washington, +88,200 jobs, +2.5%

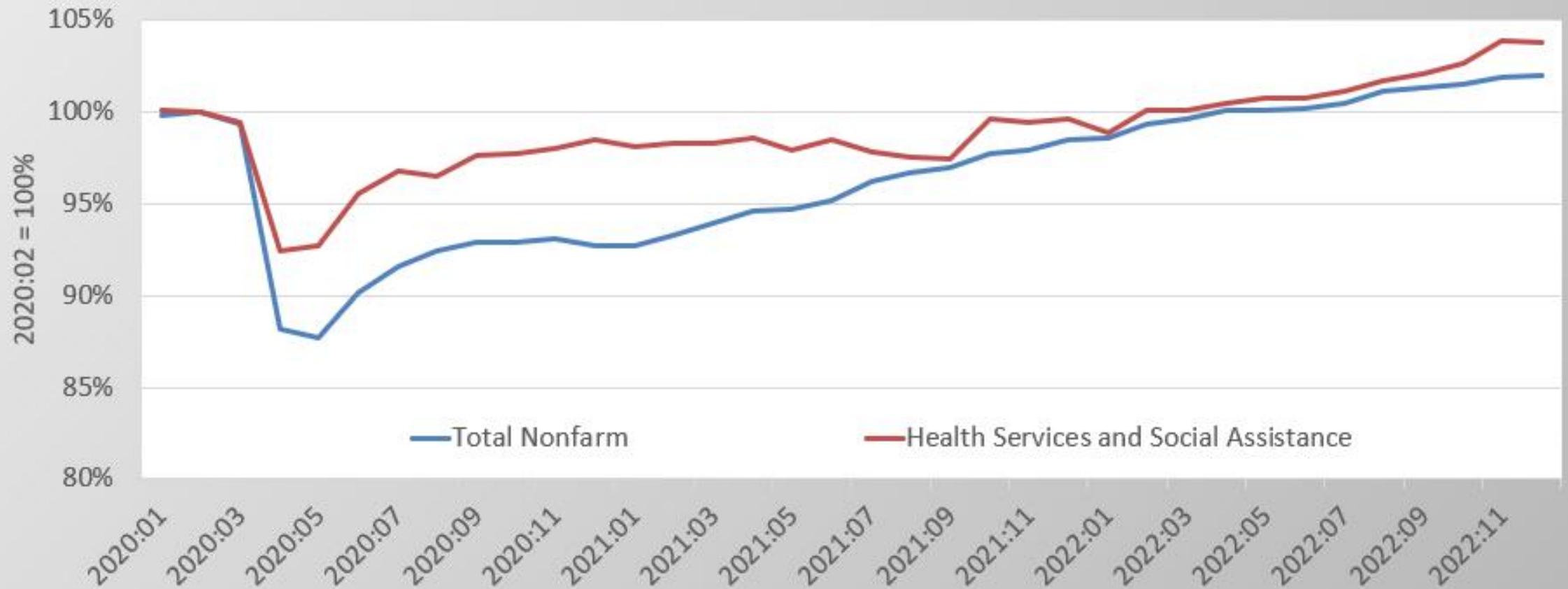


Source: Washington Employment Security Dept.

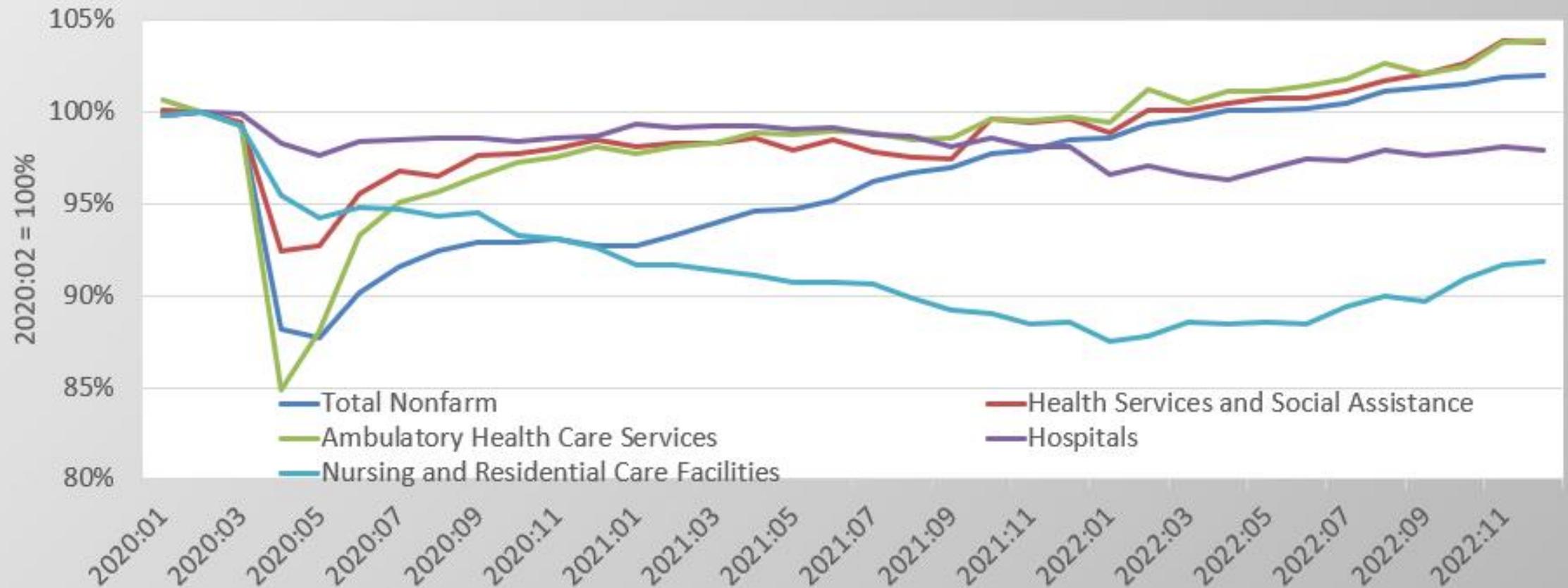
Industries were impacted differently



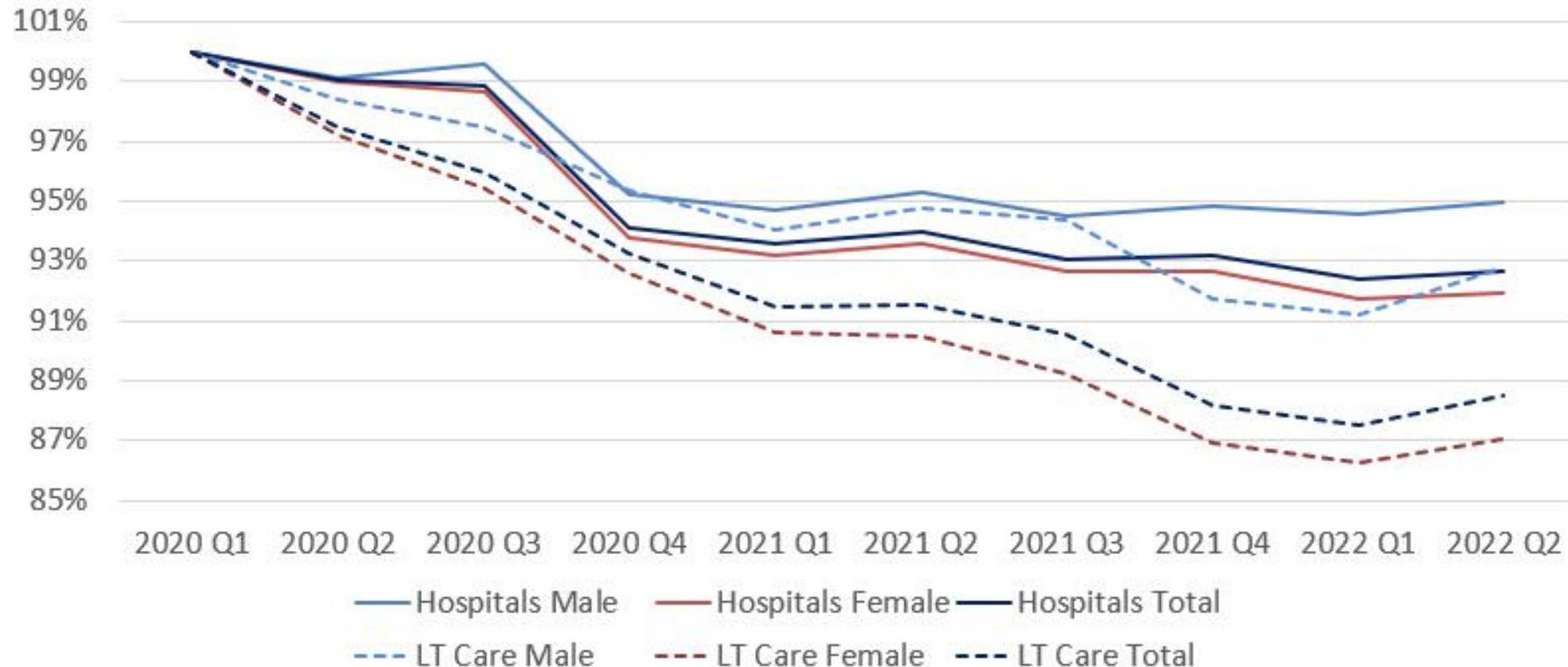
On the surface, healthcare industry employment recovered relatively quickly



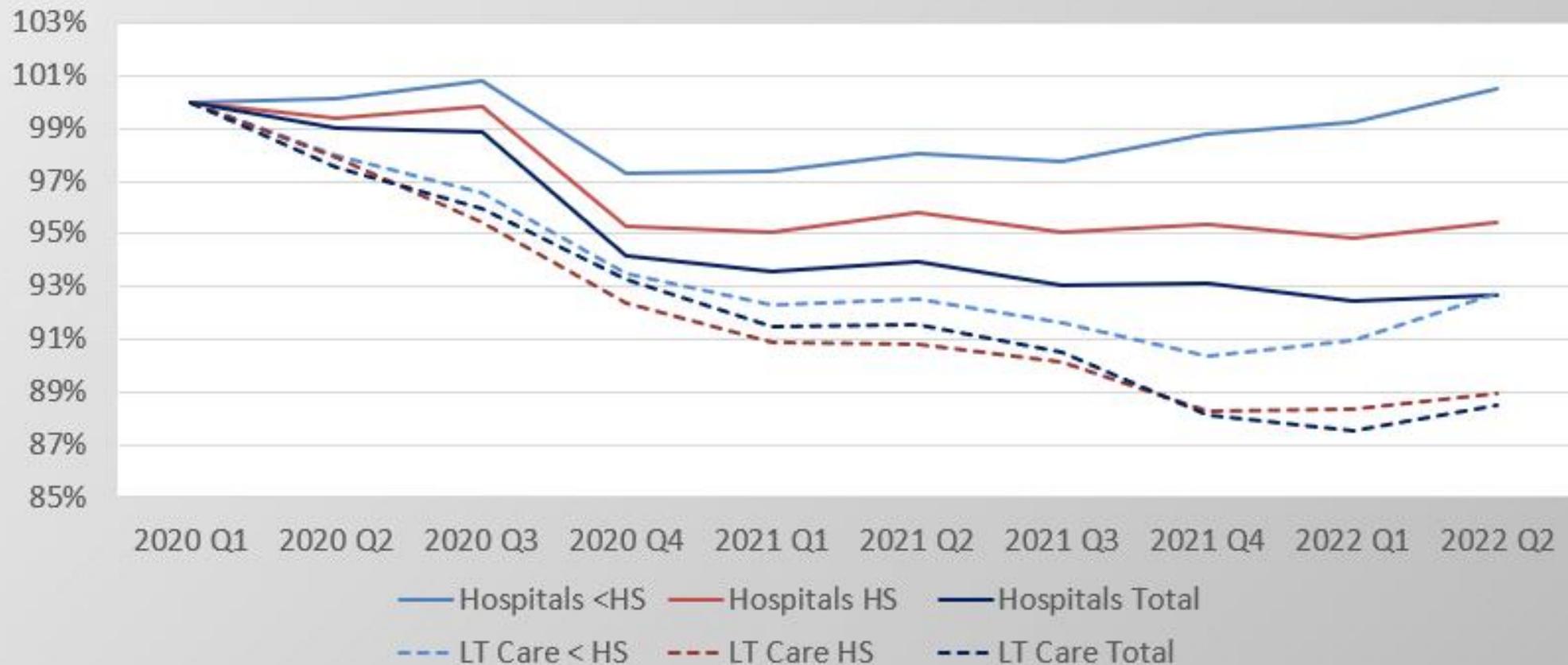
Employment at hospitals and residential care facilities remains below pre-pandemic levels



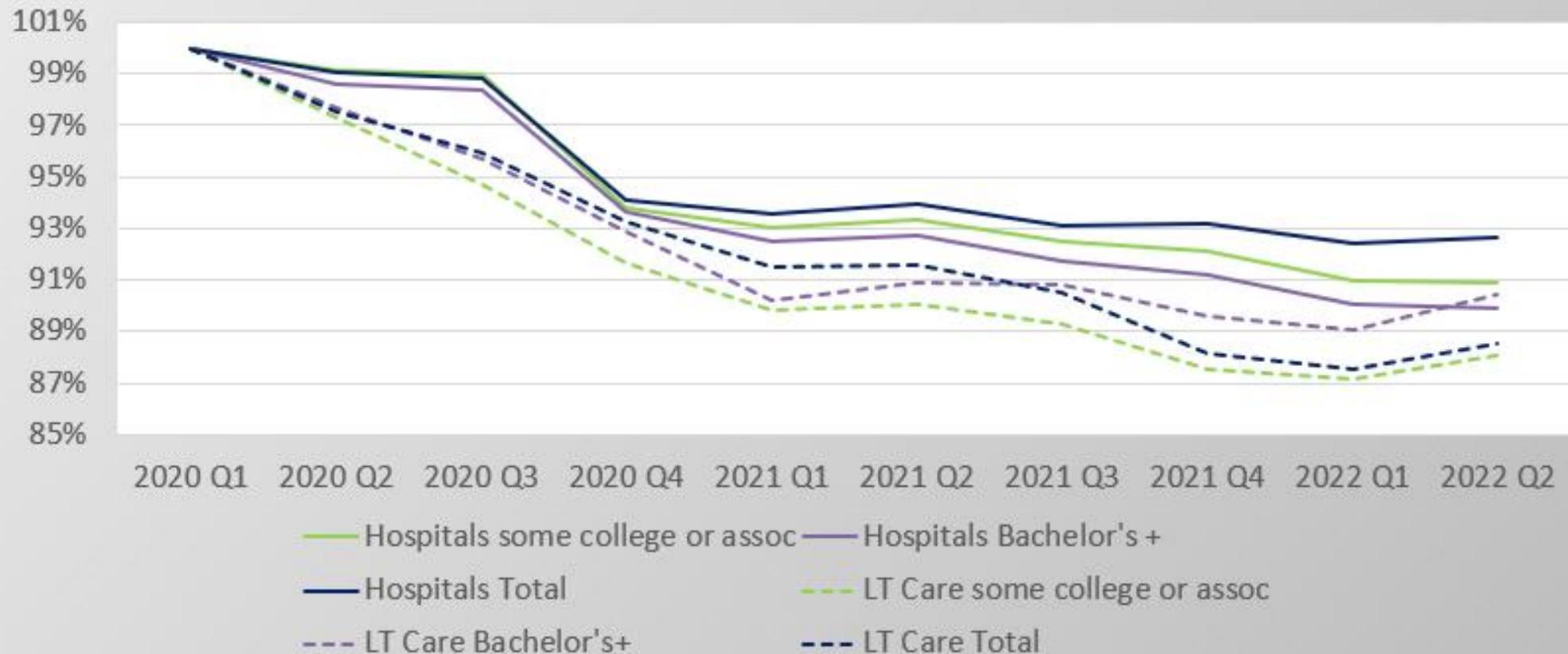
Employment by Sex at Hospitals and Long Term Care Facilities



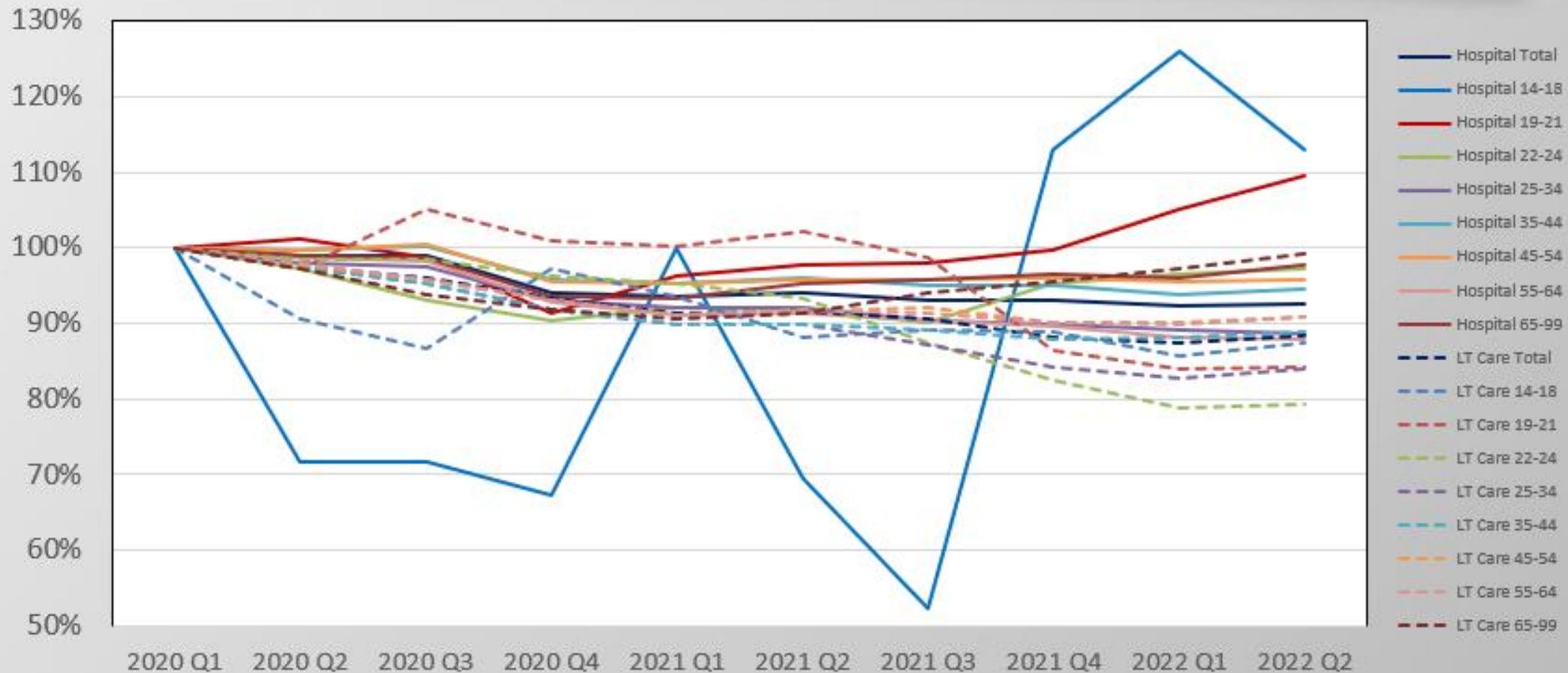
Employment by educational level: less than HS and HS / equivalent



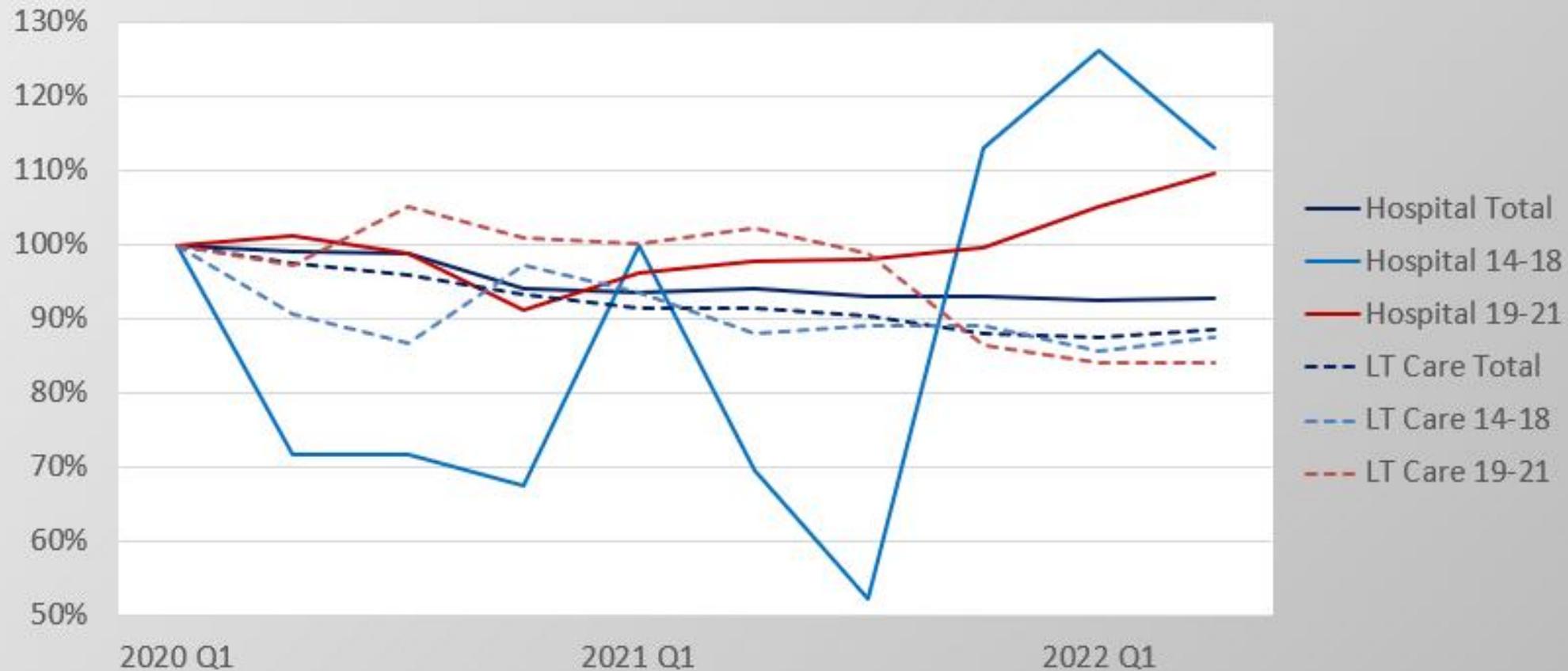
Employment by educational level: Some College or associate and Bachelors and postgraduate



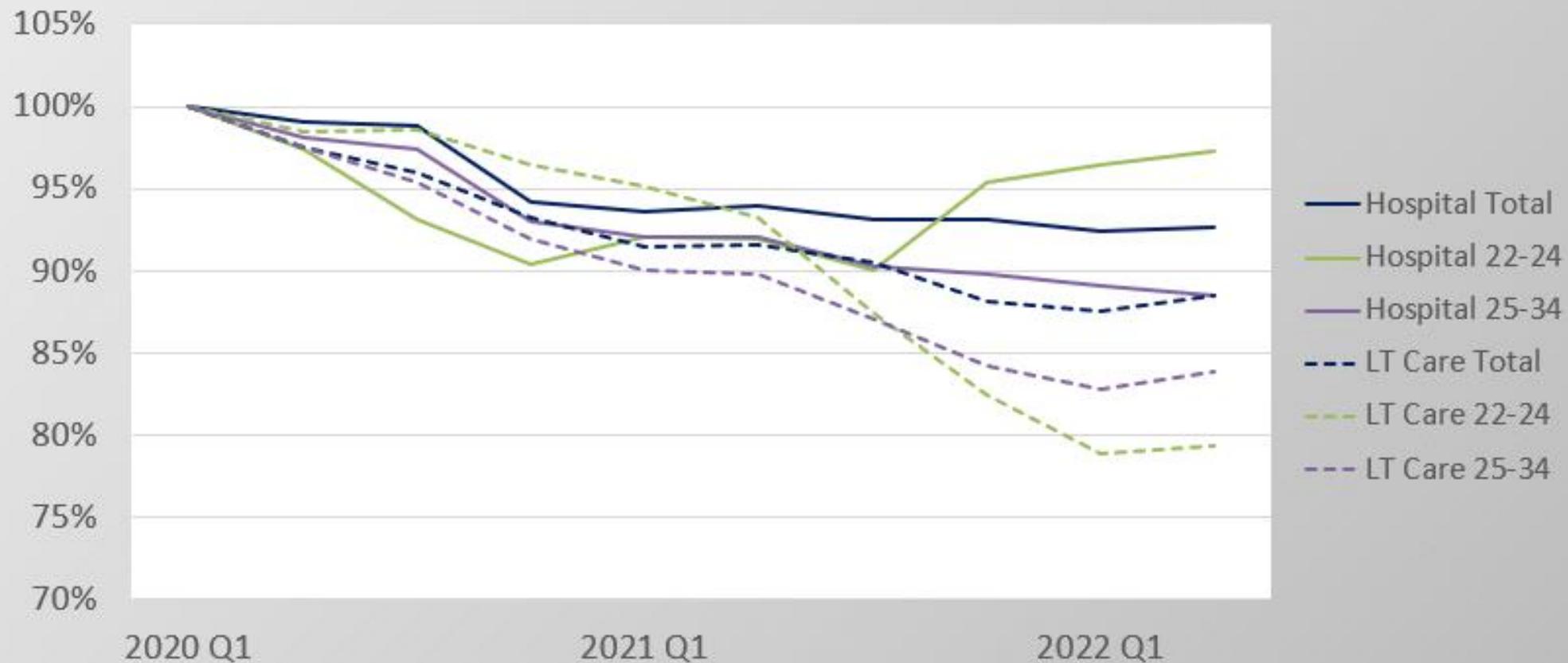
Employment by Age at Hospitals and Long Term Care Facilities



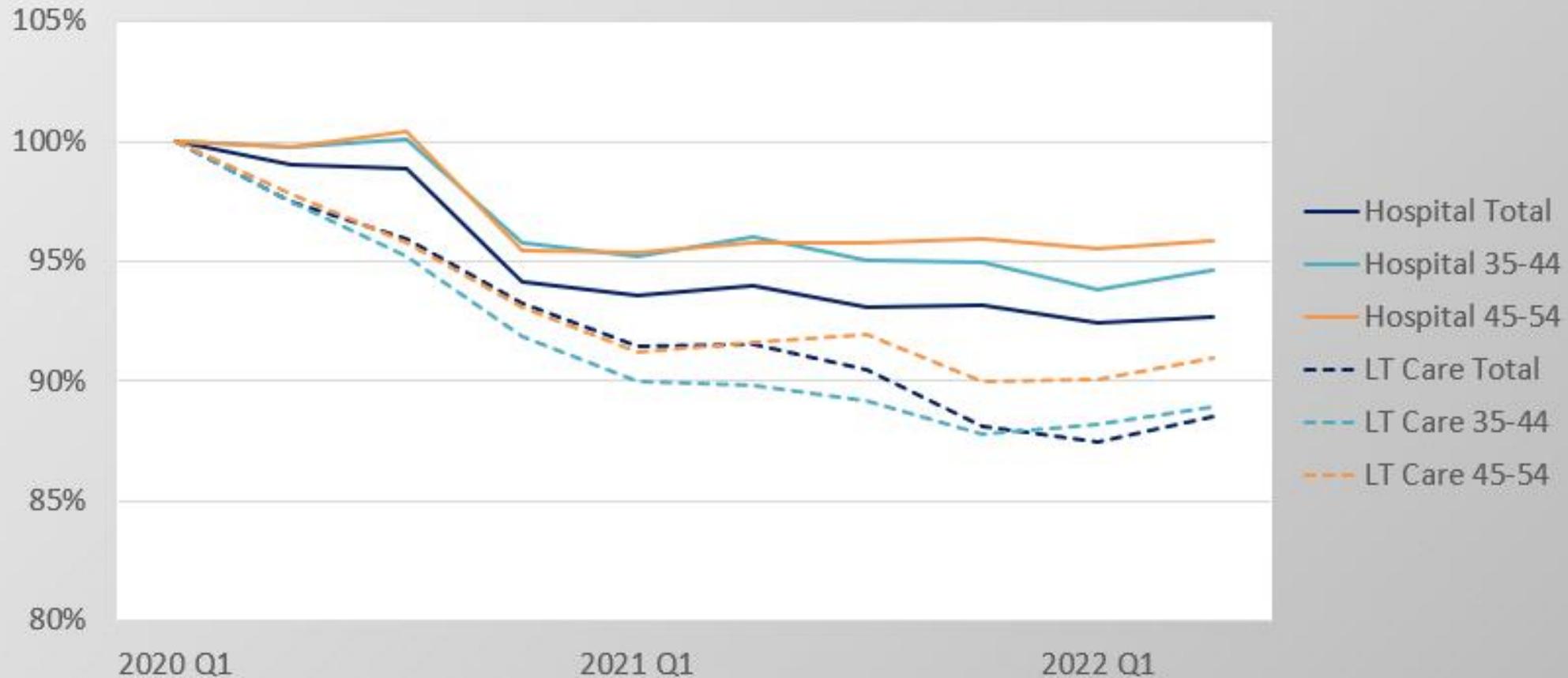
Employment by Age: teen and youth employment



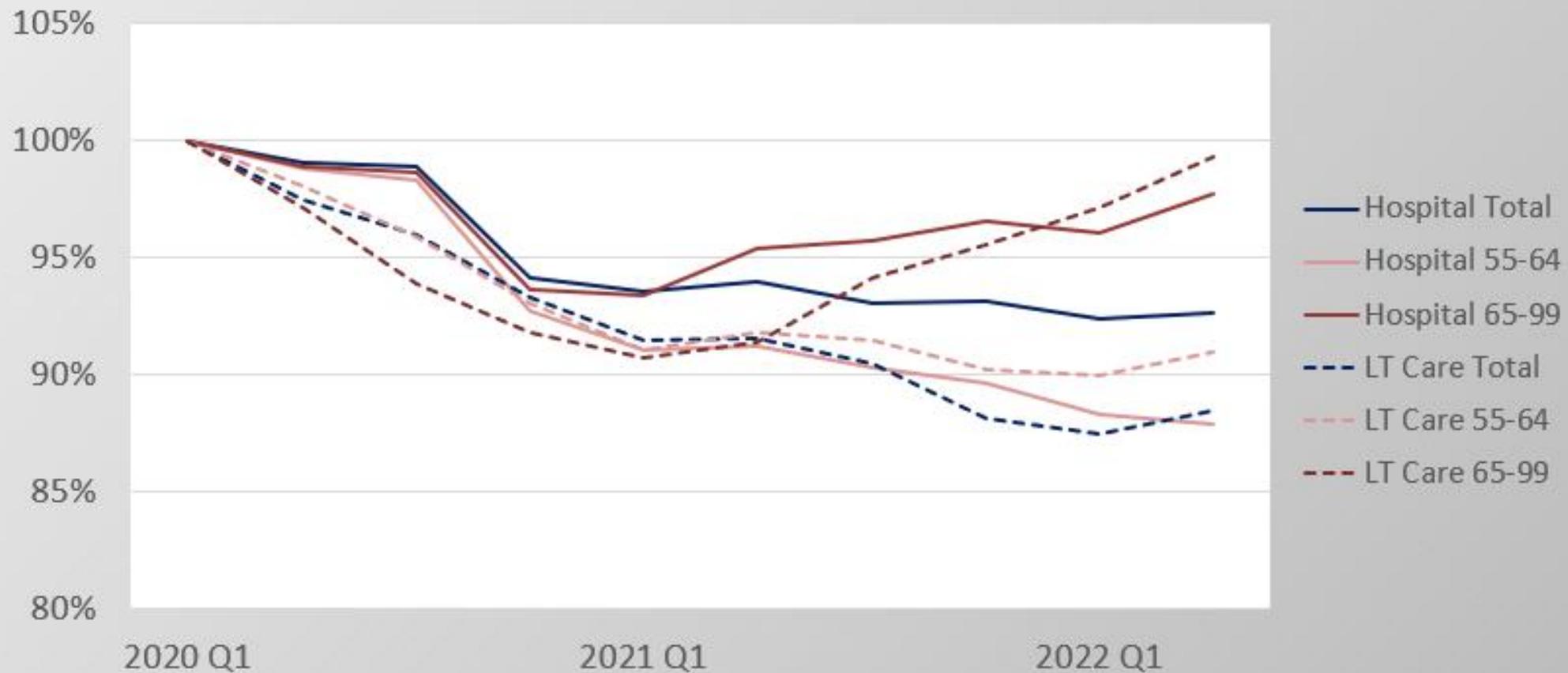
Employment by Age: early career (22-34)



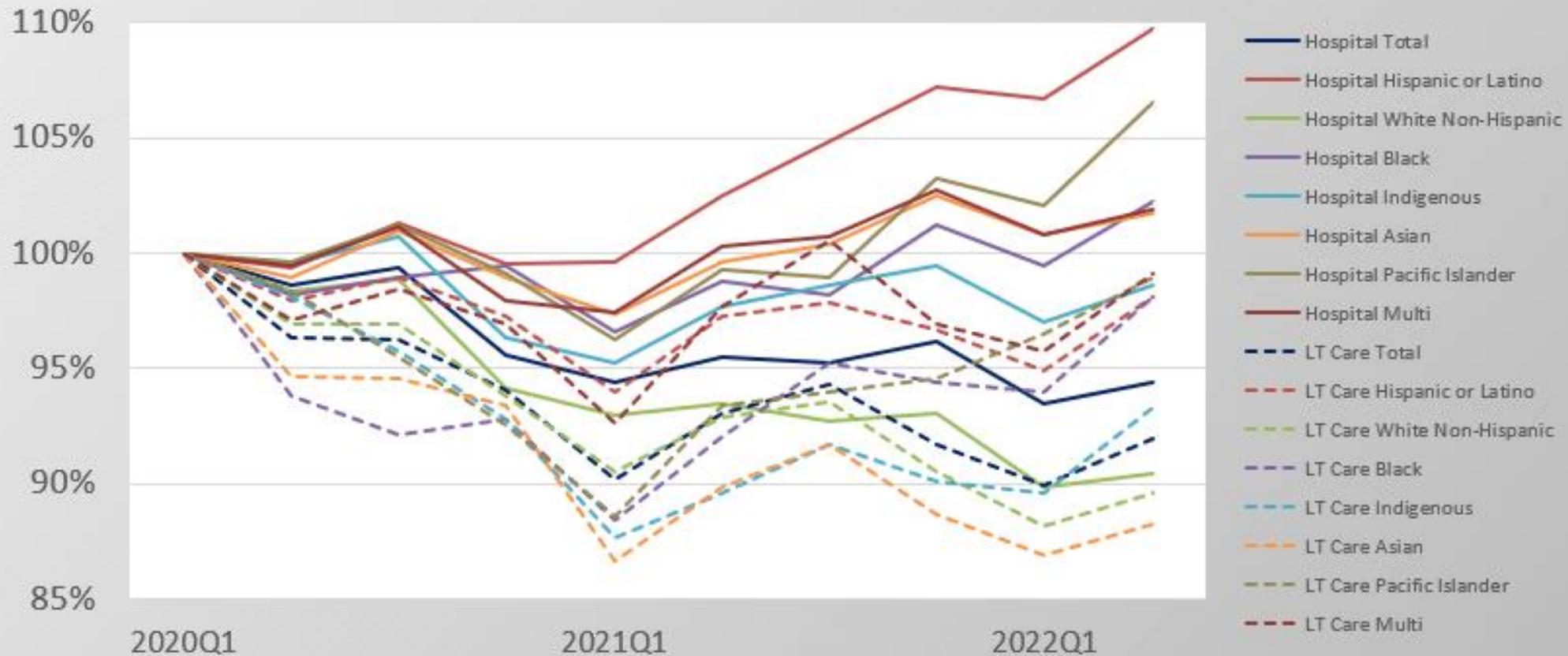
Employment by Age: mid-career (35-54)



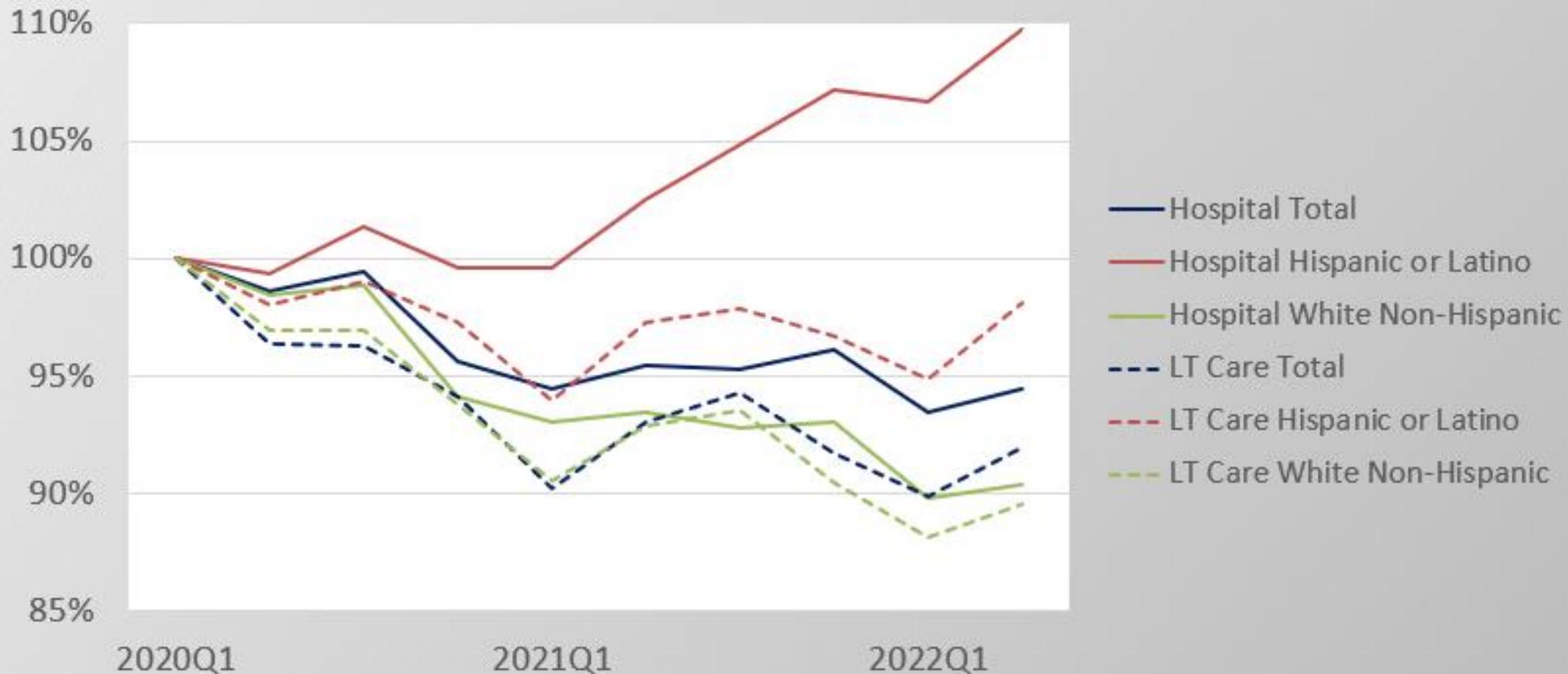
Employment by Age: Late career (55+)



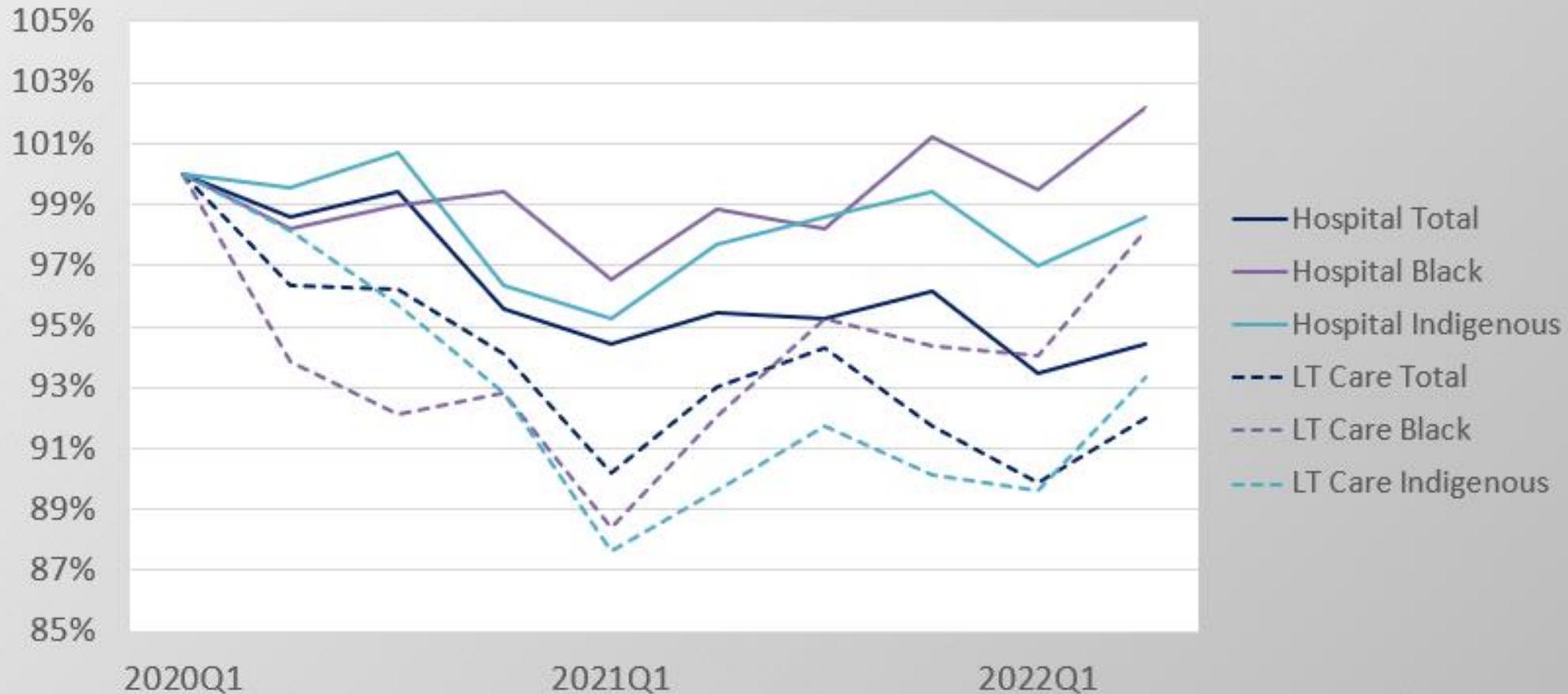
Employment by race/ethnicity



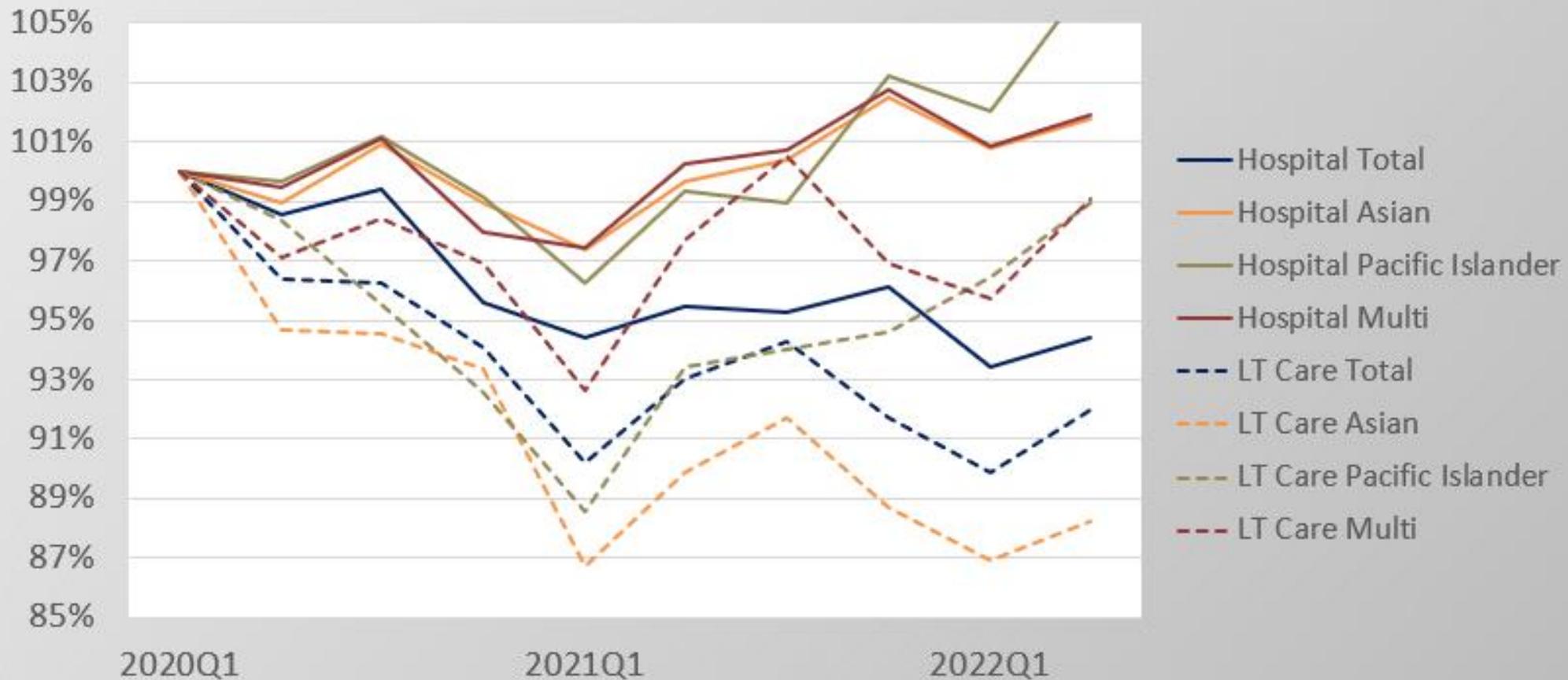
Employment by race/ethnicity: White Non-Hispanic, Hispanic or Latino



Employment by race / ethnicity: Black / African American & Indigenous people



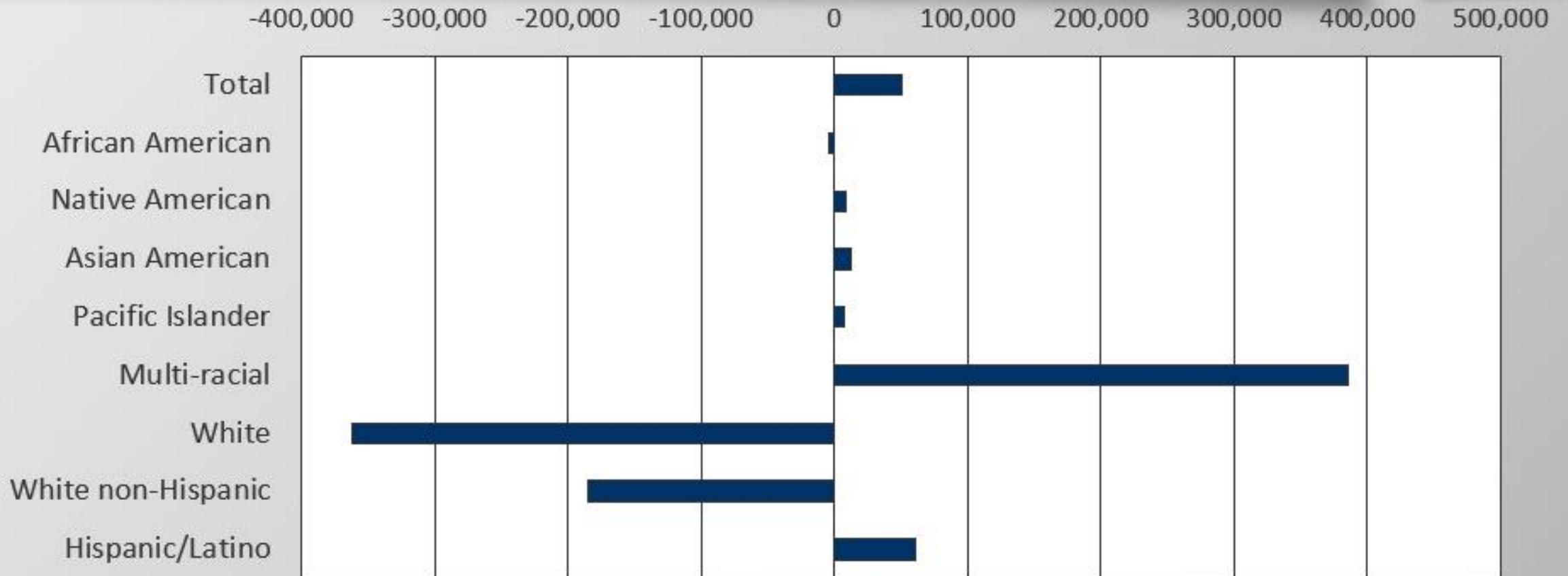
Employment by race/ethnicity: Asian, Pacific Islander and Multiple race



Black / African Americans in the Washington labor market



Population estimates by race, state of Washington, 2020: Pre-Census vs. Census



Source: Washington Office of Financial Management

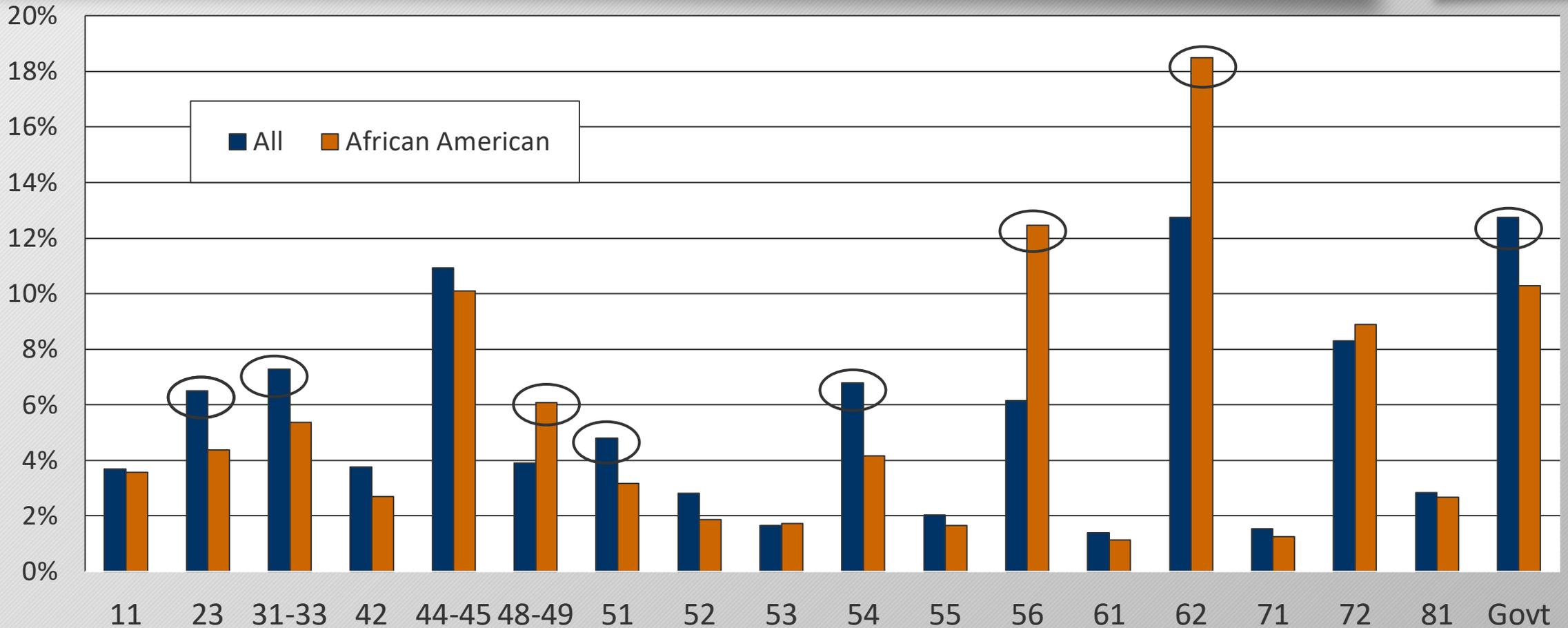
Emptotal by race, 2019Q2 and 2022Q2



	2019 Q2	2020 Q2	2021 Q2	2022 Q2	Total Change	Pop. Change
Total	4,019,965	3,635,264	3,833,539	4,060,440	1.0%	3.7%
African American	215,464	190,080	204,468	230,214	6.8%	11.0%
Native American	63,873	56,606	61,162	65,006	1.8%	13.2%
Asian American	411,023	390,840	416,714	466,568	13.5%	16.4%
Pacific Islander	30,469	27,292	29,562	32,333	6.1%	26.4%
White non-Hispanic	2,714,742	2,443,602	2,546,675	2,646,251	-2.5%	?
Multi-racial	159,840	142,495	157,729	172,018	7.6%	?
Hispanic/Latino, any race	506,877	457,998	498,155	535,758	5.7%	14.6%

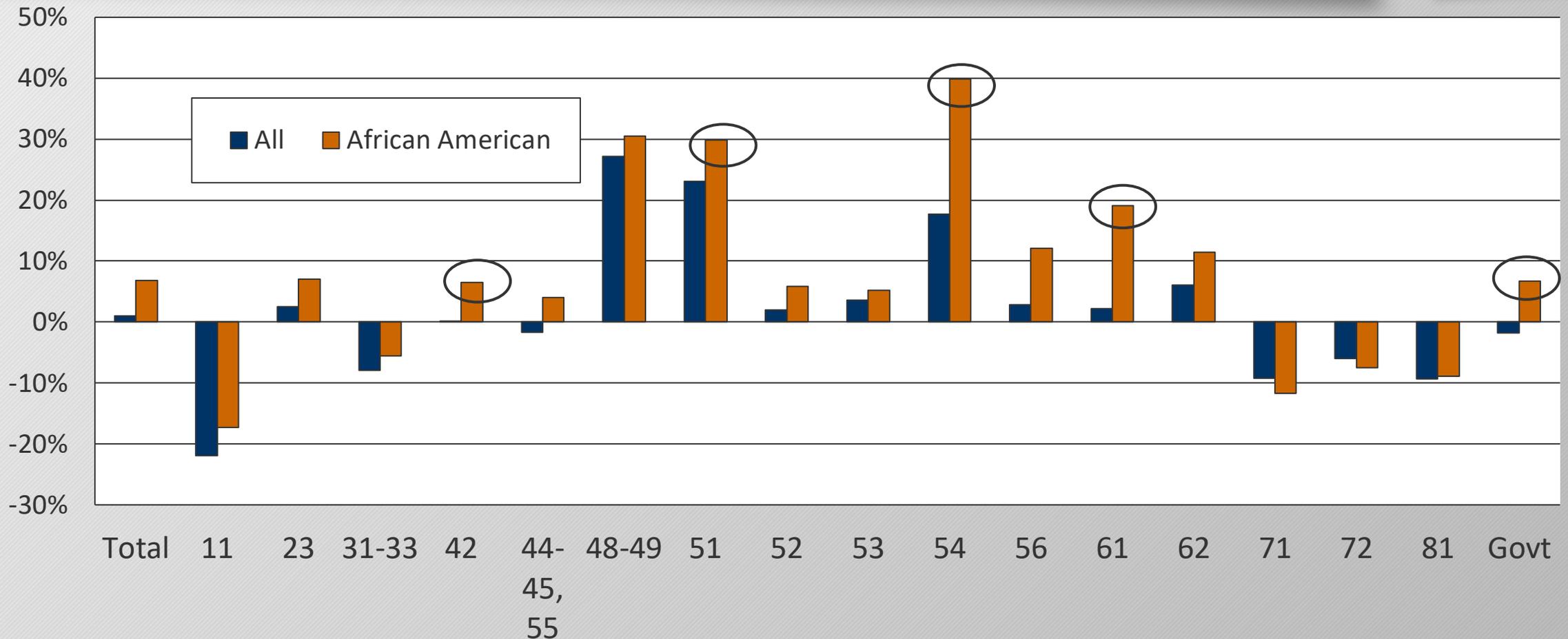
Source: LEHD

Employment by industry, 2021-2022

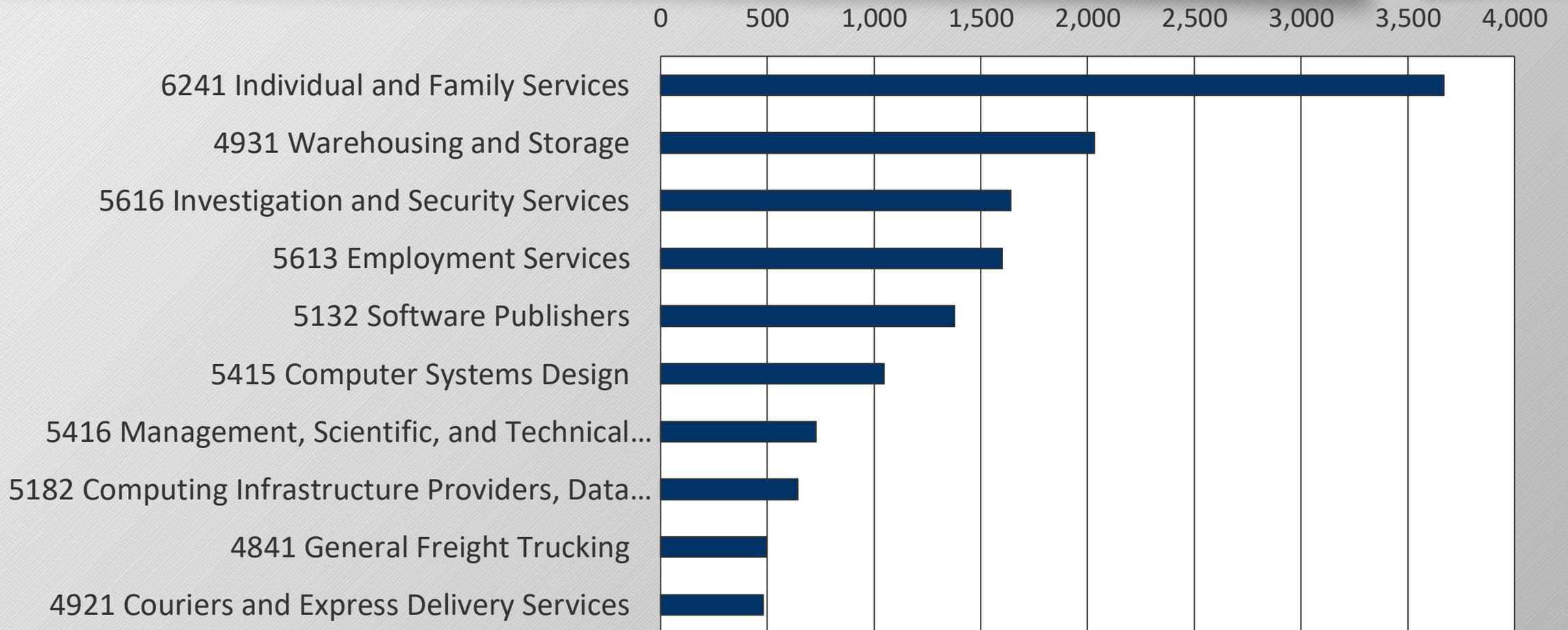


Source: LEHD

Change in Employment by industry, 2019Q2 – 2022Q2

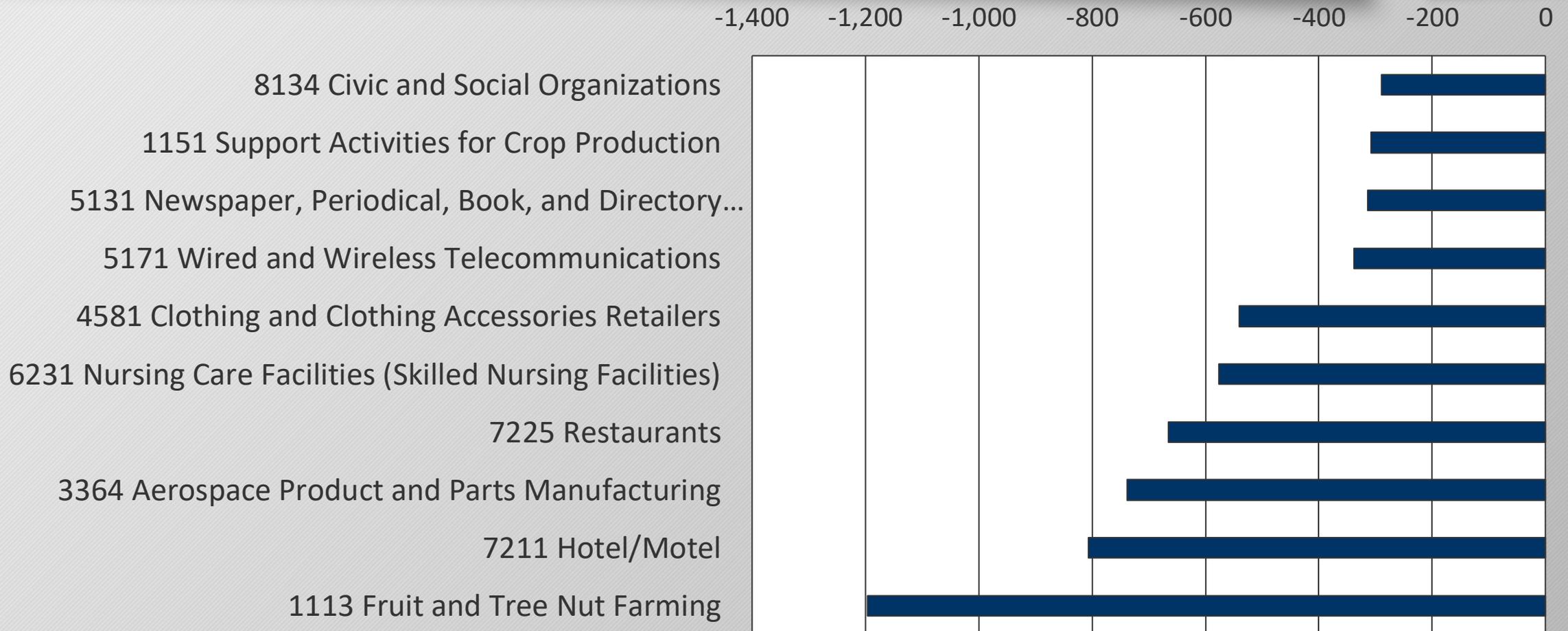


Industries with most net new jobs for African American workers



Source: LEHD

Industries with most net loss of jobs for African American workers



Source: LEHD

EmpS and EmpEarnS for African Americans 2022 Q1



Industry	EmpS	EmpEarnS	Percent of all EmpEarnS	Change from 2019 Q2
Total	144,361	\$5,303	74.5%	-2.4%
11 Agriculture	2,983	\$2,590	81.8%	-6.3%
23 Construction	5,657	\$4,832	80.5%	-5.0%
31-33 Manufacturing	9,067	\$7,436	88.8%	1.4%
42 Wholesale Trade	4,180	\$6,117	69.5%	-2.5%
44-45 Retail Trade	12,989	\$3,591	82.9%	-1.6%
48-49 Transportation	10,044	\$5,179	76.9%	-4.4%
51 Information	5,784	\$15,101	75.5%	0.5%
52 Finance and Insurance	3,008	\$8,494	68.8%	-4.3%

Source: LEHD

EmpS and EmpEarnS for African Americans cont.



Industry	EmpS	EmpEarnS	Percent of all EmpEarnS	Change from 2019 Q2
53 Real Estate, Rental, Leasing	2,949	\$4,552	71.7%	-9.5%
54 Professional Services	6,379	\$8,474	77.9%	-4.0%
56 Business Services	13,045	\$4,230	72.2%	2.7%
61 Education	8,957	\$4,824	93.1%	-0.9%
62 Health Care and S.A.	31,527	\$4,164	78.9%	6.8%
71 Arts, Entertainment, Rec.	2,252	\$5,411	148.7%	-55.8%
72 Lodging and Restaurants	10,805	\$2,470	94.8%	-0.3%
81 Other Services	3,968	\$4,421	99.9%	12.8%
92 Public Administration	6,330	\$6,620	97.5%	13.1%

Source: LEHD

HirAS for African Americans 2022 Q1



Industry	HirAS	HirAS Earn	Percent of all HirAS Earn	Change from 2019 Q2
Total	22,547	\$3,724	84.9%	4.1%
11 Agriculture	429	\$2,169	92.6%	8.2%
23 Construction	914	\$3,924	88.4%	-6.3%
31-33 Manufacturing	951	\$5,000	95.6%	5.5%
42 Wholesale Trade	592	\$4,644	75.2%	1.6%
44-45 Retail Trade	2,500	\$2,444	90.0%	-1.3%
48-49 Transportation	1,743	\$3,434	75.7%	-10.6%
51 Information	533	\$10,287	78.4%	7.1%
52 Finance and Insurance	311	\$4,873	63.1%	-16.1%

Source: LEHD

HirAS for African Americans cont.



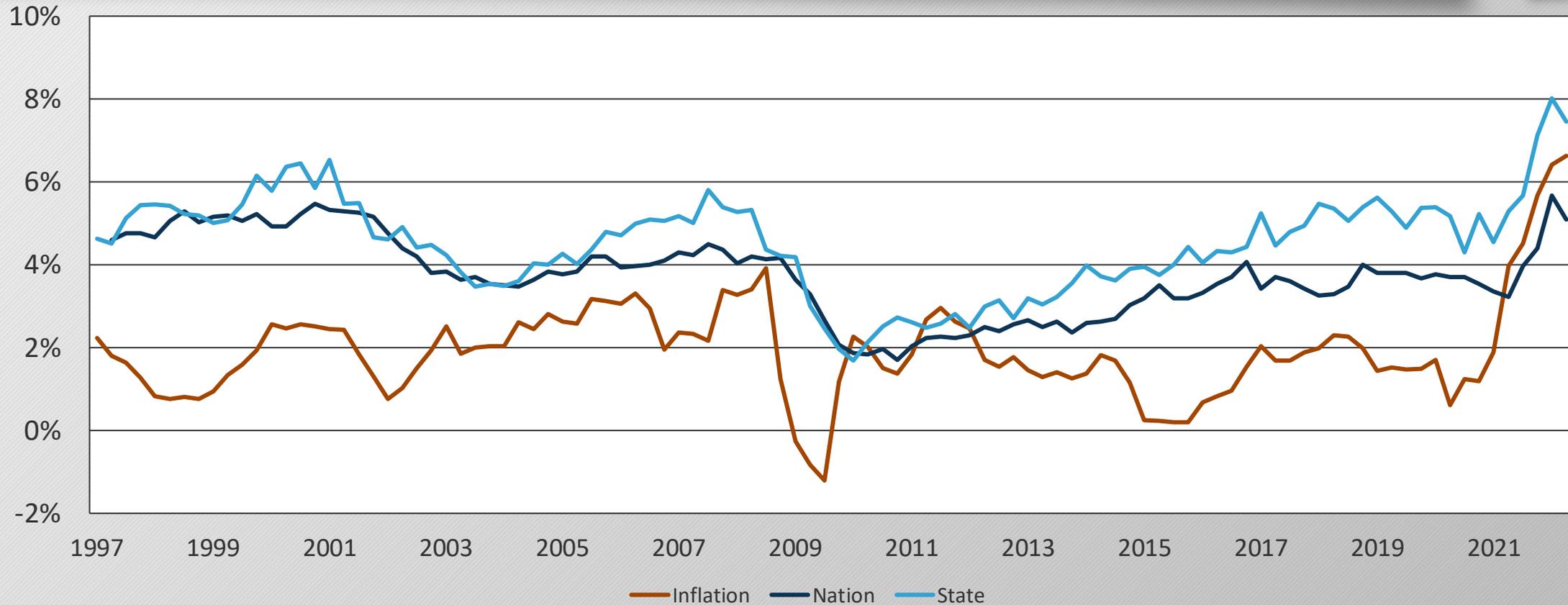
Industry	HirAS	HirAS Earn	Percent of all HirAS Earn	Change from 2019 Q2
53 Real Estate, Rental, Leasing	458	\$4,043	90.0%	11.4%
54 Professional Services	1,079	\$7,046	81.9%	-3.2%
56 Business Services	3,389	\$4,387	94.4%	20.3%
61 Education	1,049	\$2,840	116.3%	1.6%
62 Health Care and S.A.	4,134	\$3,295	96.5%	15.7%
71 Arts, Entertainment, Rec.	449	\$2,761	104.2%	-16.0%
72 Lodging and Restaurants	2,293	\$1,957	101.0%	0.2%
81 Other Services	714	\$3,242	109.9%	9.5%
92 Public Administration	376	\$4,460	97.6%	9.8%

Source: LEHD

Wages

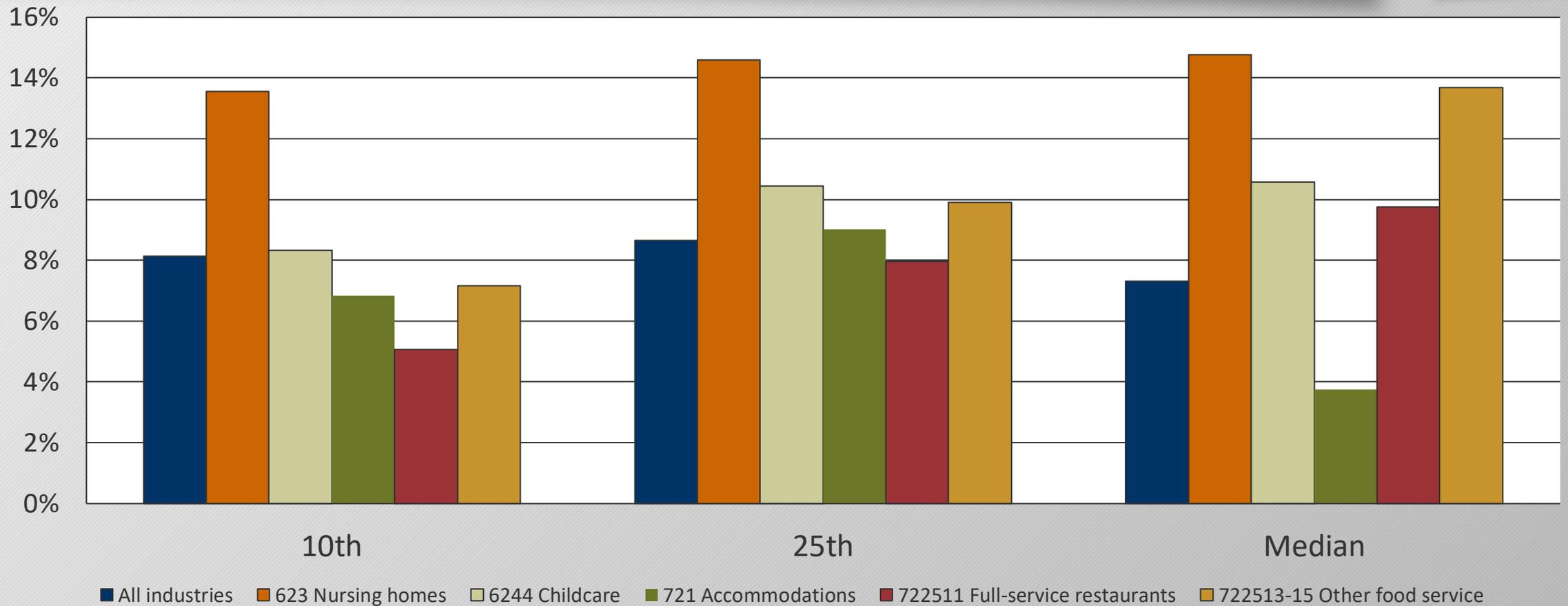


Median increase in hourly wages

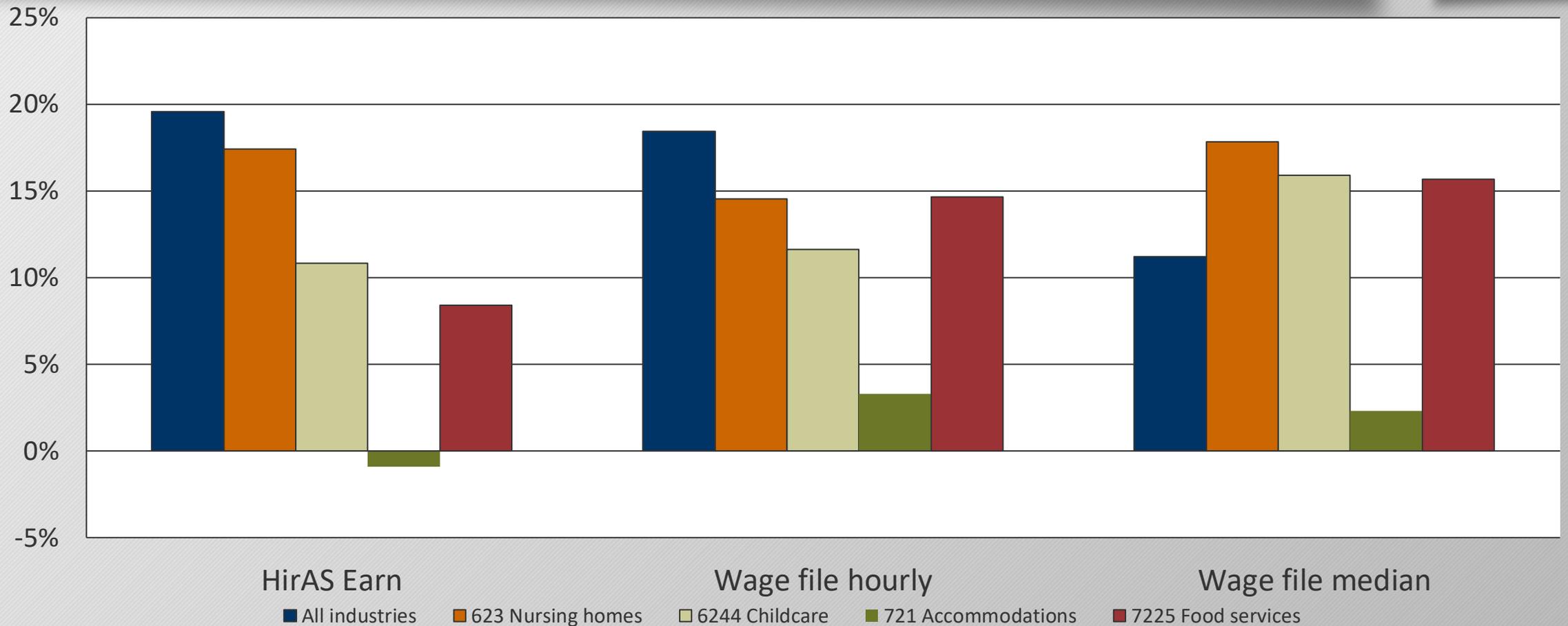


Source: Atlanta Fed WageTracker, BEA, Washington Employment Security Dept./DATA Division

Change in percentile wages, selected industries, 2019 Q2 vs. 2022 Q2



Change in average wage for new hires, selected industries, 2019 Q1 vs. 2022 Q1



Questions now or later?



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